

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An audio system for use with a personal computer, the audio system comprising:
 - a first voltage supply;
 - a first switch;
 - a second voltage supply coupled to the first voltage supply;
 - a second switch;
 - an audio amplifier including an inverting amplifier and a non-inverting amplifier, an input signal being coupled in parallel to each amplifier;
 - an output of the noninverting amplifier being coupled to a first speaker output connection;
 - an output of the inverting amplifier being coupled through the first switch to a second speaker output connection;
 - a jack sense indicator coupled for driving the first switch and detecting connection of a listening device to a jack;
 - in response to the jack sense indicator determining that the listening device is not connected to the jack, the jack sense indicator driving causing the first switch to be driven open to interrupt and a signal path to the first speaker, the connection to the jack being maintained between the inverting amplifier and the first speaker to be interrupted;
 - and
 - ~~the second switch coupled to be driven by the jack sense indicator and including the second voltage supply, a first contact of the second switch being coupled to the first voltage supply, and a second contact of the second switch being coupled to an output of the second voltage supply.~~
 - in response to the listening device being connected to the jack, the jack sense indicator causing the second switch to couple the non-inverting amplifier to the second voltage supply rather than to the first voltage supply.

2 - 9. (Canceled).

10. (Previously Presented) An audio system as defined in Claim 1, wherein the first voltage supply is derived from an AC power line.
11. (Currently Amended) An audio system as defined in Claim 10, wherein the second switch and the ~~low current voltage regulator~~ second voltage supply are coupled to the first voltage supply via a voltage supply node.-
12. (Currently Amended) A personal computer system comprising an audio system, the audio system comprising:
 - a voltage supply subsystem having a first voltage supply and a second voltage supply coupled to the first voltage supply;
 - an audio amplifier subsystem having a noninverting amplifier and an inverting amplifier, an input signal being coupled in parallel to each amplifier;
 - a first switch and a second switch;
 - an output of the noninverting amplifier being coupled to a first speaker output connection;
 - an output of the inverting amplifier being coupled through the first switch to a second speaker output connection;
 - a jack sense indicator coupled for driving the first switch and detecting connection of a listening device to a jack;
 - in response to the jack sense indicator determining that the listening device is not connected to the jack, the jack sense indicator ~~driving~~ causing the first switch to be driven open to interrupt and a signal path to the first speaker, ~~the connection to the jack being maintained between the inverting amplifier and the first speaker to be interrupted;~~
 - and
 - ~~the second switch coupled to be driven by the jack sense indicator and including the second voltage supply, a first contact of the second switch being coupled to the first voltage supply, and a second contact of the second switch being coupled to an output of the second voltage supply.~~

in response to the listening device being connected to the jack, the jack sense indicator causing the second switch to couple the non-inverting amplifier to the second voltage supply rather than to the first voltage supply.

13. (Canceled).
14. (Canceled).
15. (Previously Presented) A personal computer system as defined in Claim 12, wherein the first voltage supply is derived from an AC power line.
16. (Currently Amended) An apparatus comprising:
 - a personal computer chassis coupled to an audio system including:
 - a first voltage supply;
 - a first switch;
 - a second voltage supply coupled to the first voltage supply;
 - a second switch;
 - an audio amplifier including an inverting amplifier and a non-inverting amplifier, an input signal being coupled in parallel to each amplifier;
 - an output of the noninverting amplifier being coupled to a first speaker output connection;
 - an output of the inverting amplifier being coupled through the first switch to a second speaker output connection;
 - a jack sense indicator coupled for driving the first switch and detecting connection of a listening device to a jack;
 - in response to the jack sense indicator determining that the listening device is not connected to the jack, the jack sense indicator driving—causing the first switch to be driven open to interrupt—and a signal path to the first speaker, the connection to the jack being maintained between the inverting amplifier and the first speaker to be interrupted;
 - and
 - ~~the second switch coupled to be driven by the jack sense indicator and including the second voltage supply, a first contact of the second switch being coupled to the first~~

~~voltage supply, and a second contact of the second switch being coupled to an output of the second voltage supply.~~

in response to the listening device being connected to the jack, the jack sense indicator causing the second switch to couple the non-inverting amplifier to the second voltage supply rather than to the first voltage supply.

17. (Previously Presented) An apparatus as defined in Claim 16, wherein the jack is connected between (i) either the inverting amplifier or the noninverting amplifier and (ii) GND.
18. (Canceled).
19. (Previously Presented) An apparatus as defined in Claim 16, wherein the first voltage supply is derived from an AC power source.
20. (Currently Amended) An apparatus as defined in Claim 19, wherein the second switch and the ~~low current voltage regulator~~ second voltage supply are coupled to the first voltage supply via a voltage supply node.
21. (Canceled).
22. (Currently Amended) In a personal computer, a method of supplying power to an audio amplifier, the method comprising:
 - providing a voltage supply system that includes a first voltage supply and a second voltage supply coupled to the first voltage supply;
 - providing a jack;
 - providing a first switch and a second switch;
 - providing an audio amplifier including an inverting amplifier and a noninverting amplifier, an input signal being coupled in parallel to each amplifier;
 - coupling an output of the noninverting amplifier to a first speaker output connection;

coupling an output of the inverting amplifier through the first switch to a second speaker output connection;

coupling a jack sense indicator for driving the first switch and detecting connection of a listening device to a jack;

in response to the jack sense indicator determining that the listening device is not connected to the jack, the jack sense indicator ~~driving~~ causing the first switch to be driven open to interrupt and a signal path to the first speaker, the connection to the jack being maintained between the inverting amplifier and the first speaker to be interrupted;

and

~~coupling the second switch to be driven by the jack sense indicator and including the second voltage supply, a first contact of the second switch being coupled to the first voltage supply, and a second contact of the second switch being coupled to an output of the second voltage supply.~~

in response to the listening device being connected to the jack, the jack sense indicator causing the second switch to couple the non-inverting amplifier to the second voltage supply rather than to the first voltage supply.

23 - 39 (Canceled).